

1-3. CANCELED)

4. (NEW) A switch (1) for a vehicle transmission having valves, that are linked with each other on a pressure line (58) and a pressure exhaust line (60) and a switch chamber (10) of a switch cylinder (2), each switch chamber (10) of the switch cylinder (2) has least one valve (26) that the function of an opening valve (26) and a closing valve (28) can be represented and that the pressure line (58) and the pressure exhaust line (60) is one of at least separately closed, opened, blocked and swapped by at least one additional valve (62, 64, 66, 68),

in event of a failure of an assigned opening valve (26) on the switch chamber (10) of the switch cylinder (2), an assigned closing valve (28) on the switch chamber (10) of the switch cylinder (2) takes over and reverses the function of the assigned opening valve (26) on the switch chamber (10) of the switch cylinder (2).

5. (NEW) The switch (1) according to claim 4, wherein the opening valve (26) and the closing valve (25) are one of directional valves, proportional valves and a combination of a directional valve and a proportional valve.

6. (NEW) A switch (1) for a vehicle transmission, the switch comprising a plurality of valves each valve communicating with a pressure line (58), a pressure exhaust line (60) and a switch chamber of a plurality of switch cylinders (2, 4, 6, 8), such that each valve can function as one of an opening valve and a closing valve depending on one of an open and closed state of an additional valve;

in event of a failure of an assigned opening valve (26) on the switch chamber (10) of the switch cylinder (2), an assigned closing valve (28) on the switch chamber (10) of the switch cylinder (2) takes over and reverses an assigned function of the opening valve (26) on the switch chamber (10) of the switch cylinder (2).

7. (NEW) The switch (1) according to claim 4, wherein the opening valve (26) and the closing valve (25) are one of directional valves, proportional valves and a combination of a directional valve and a proportional valve.

8. (NEW) A switch (1) for a vehicle transmission, the switch comprising:
a plurality of switch cylinders (2, 4, 6, 8) each having a first switch chamber (10, 14, 18, 22) and a second switch chamber (12, 16, 20, 24);

a plurality of opening valves (26, 30, 34, 38, 42, 46, 50, 54), the first switch chamber (10, 14, 18, 22) of each of the plurality of switch cylinders (2, 4, 6, 8) communicating with one of the plurality of opening valves (26, 30, 34, 38, 42, 46, 50, 54);

a plurality of closing valves (28, 32, 36, 40, 44, 48, 52, 56), the second switch chamber (10, 14, 18, 22) of each of the plurality of switch cylinders (2, 4, 6, 8) communicating with one of the plurality of closing valves (28, 32, 36, 40, 44, 48, 52, 56);

a pressure line (58) in primary communication with each of the plurality of opening valves (26, 30, 34, 38, 42, 46, 50, 54) and in secondary communication with each of the plurality of closing valves (28, 32, 36, 40, 44, 48, 52, 56), and the pressure line (58) in further communication with a first pair of additional valves (62, 64);

an exhaust pressure line (60) in primary communication with each of the plurality of closing valves (28, 32, 36, 40, 44, 48, 52, 56) and in secondary communication with each of the plurality of opening valves (26, 30, 34, 38, 42, 46, 50, 54), the pressure exhaust line (60) in further communication with a second pair of additional valves (66, 68);

the plurality of opening valves (26, 30, 34, 38, 42, 46, 50, 54) and the pressure line (58) in primary communication therewith and the plurality closing valves (28, 32, 36, 40, 44, 48, 52, 56) and the pressure exhaust line (60) in communication therewith can separately be one or more of opened, closed, blocked and swapped in an event of failure of one or more of the plurality of opening valves (26, 30, 34, 38, 42, 46, 50, 54) and the plurality closing valves (28, 32, 36, 40, 44, 48, 52, 56).

9. (NEW) The switch (1) according to claim 4, wherein plurality of opening valves (26, 30, 34, 38, 42, 46, 50, 54) and the plurality closing valves (28, 32, 36, 40, 44, 48, 52, 56) are at least one of directional valves and proportional valves.